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2007

Curricular Report No. 2007-08-2 from the Graduate Council to the Faculty Senate.

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Faculty Senate

Serial Number #07-08--13


TO: President Robert L. Carothers

FROM: James H. Miller, Chairperson of the Faculty Senate

1. The attached BILL, titled Curricular Report No. 2007-2008-2 from the Graduate Council to the Faculty Senate, is forwarded for your consideration.
2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on December 20, 2007
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By-Laws, this bill will become effective January 10, 2008, three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

December 20, 2007

(date)


James H. Miller
Chairperson of the Faculty Senate

ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

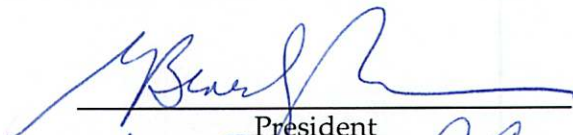
Returned.

a. Approved ☒.

b. Approved subject to final approval by Board of Governors ____.

c. Disapproved ____.

12/28/2007
(date)


President
for Robert L. Carothers.

UNIVERSITY OF RHODE ISLAND
The Graduate School
CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE FACULTY
SENATE: REPORT NO. 2007-2008-2

At meeting No. 422 held November 19, 2007, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information

A. College of Engineering

1. Department of Chemical Engineering

Change in CHE Catalog Program Description

Insert: "Part-time graduate students are not required to register for seminar courses CHE 501/502."

B. College of the Environment and Life Sciences

1. Department of Geosciences and Biological Sciences

Changes:

BIO 567 Natural Selection – change course number and prerequisite to read:

BIO 571 Natural Selection

Pre: BIO 262 and 352 or 472 or graduate standing

C. College of Arts and Sciences

1. Department of Chemistry

Changes:

CHM 511 Advanced Analytical Chemistry I – change in catalog description to read:

Complex Equilibria and Electrochemistry: Topics include solution theory; acid-base, precipitation and complexation reactions; redox chemistry, amperometry, voltammetry, specialized electrodes and electrochemical sensors. Statistical treatment of data. (Lec 3). Pre: 412 or permission of instructor.

D. College of Human Science and Services

1. School of Education

Changes:

EDC 586 Problems in Education – add the following permanent topics:

- **Consortium on Reading Excellence**
- **Problems in Hosting a SALT Visit**
- **Instructional Strategies for Diversified Classrooms**
- **Orton-Gillingham Reading Instruction**
- **Orton-Gillingham Reading Practicum**
- **Problems in Reflective Practitioner-Using Data to Inform Instruction**
- **Problems in SALT Visit**
- **Schools Attuned**
- **Teaching the *Write Traits***

EDC 920 Workshop for Teachers – add the following permanent topics:

- **Using the Internet for Teaching, Learning, & Practical Applications**
- **Immersion Program for Teachers of Spanish**

2. Department of Human Development and Family Studies

Changes:

Eliminate the word “education” from the following sentence of the catalog to read:

“In addition, students will select a minimum of 9 credits in a specialization, such as child development, early childhood.”

II. Matters Requiring Confirmation by Faculty Senate

A. College of Engineering

1. Department of Chemical Engineering:

a. New Course

CHE 550 Bionanotechnology (3)

Principles and applications of bionanotechnology. Intermolecular forces, self-assembly, biomolecular structure, biological processes, molecular manufacturing, and surface functionalization for designing biodevices and nanomaterials. Overview of current and emerging technologies, safety and ethics.

(Lec. 3) Pre: graduate standing or permission of instructor.

B. College of the Environment and Life Sciences

1. Department of Nutrition and Food Sciences

a. New Course:

NFS 528 Lipoprotein Metabolism in Health and Disease (3)

Chemistry and metabolism of sterols and lipoproteins in health and disease including heart disease and inborn errors of metabolism; dietary and drug treatments on cholesterol and lipoprotein metabolism. (Lec. 3) Pre: graduate standing in Nutrition and Food Science, or permission of instructor.

2. Department of Community Planning and Landscape Architecture

a. Change:

Change in Department Name to Department of Landscape Architecture

b. Deletions:

CPL 512 Development of Human Settlements

CPL 540 Community-Based Housing

CPL 542 Housing and Community Development

CPL 543 Methods of Social Policy Analysis

CPL 554 Community Development Funding and Subsidies

CPL 555 Introduction to Economic Development Planning

CPL 589 Master’s Project Research

CPL 593-596 Special Problems in Planning

CPL 599 Master’s Thesis Research

CPL 624 Planning Policy and Management in Urban Areas

CPL 625 Central City Revitalization and Implementation

CPL 631 Community Planning Studio
CPL 691 Special Problems in Planning

C. Graduate School of Oceanography

1. New Course:

OCG 569 Oceanographic Processes (3)

Broad survey of general oceanography. The approach is to present and apply basic geological, physical, chemical, and biological principles to the integrated study of the world ocean system. (Lec. 3) Pre: permission of instructor.

D. College of Human Science and Services

1. School of Education:

a. New Course

EDC 509 Thinking Math I (3)

This course examines current research in mathematics instruction (K-12). It helps teachers deepen their mathematical understanding, use assessment to guide instruction, and use research-based practices to improve student performance. (Lec. 3) Pre: teaching certification.

EDC 510 Reading Instruction (3)

This course examines research in beginning reading and best practices for primary (K-2) literacy instruction, and links these to the Rhode Island Reading Policy and the Tri-State GLEs. (Lec. 3) Pre: teaching certification.

EDC 511 Reading Comprehension Instruction (3)

This course examines reading comprehension research, strategies, and instructional techniques for both narrative and expository texts and links these to the RI Reading Policy and performance standards. (Lec. 3) Pre: teaching certification.